

IN THE CLAIMS:

Please cancel claim 9 without prejudice or disclaimer, and amend claims 1-8 and 10 as follows:

1. (Currently Amended) A logical volume administration method, comprising:
designating a plurality of logical volumes in a disk apparatus serving as a storage each of which is constructed by a steady area ~~corresponding to which~~ a disk area in the disk apparatus is steadily allocated to a task and a temporary area not corresponding to a task or which a disk area in the disk apparatus is not allocated until a task issues reads and writes to the temporary area ~~allocation of a disk area is requested;~~
allocating first disk areas in said disk apparatus as ~~[[said]]~~ a plurality of steady areas of said plurality of logical volumes; and
allocating second disk areas in said disk apparatus, which are different from said first disk areas, as a disk pool, and allocating disk areas from said disk pool in a time sharing manner to serve as ~~[[be]]~~ said plurality of temporary areas of said plurality of logical volumes in a time sharing manner when the task issues reads and writes to the temporary areas.
2. (Currently Amended) The logical volume administration method according to claim 1, further comprising ~~a step of determining an order of allocating said second disk areas of the disk pool to be the temporary area in accordance with priority of each of said temporary areas~~ a step of setting priorities of said temporary areas and a step of allocating disk areas of the disk pool to serve as the temporary areas in accordance with said priority.
3. (Currently Amended) The logical volume administration method according to claim 1, wherein the priority of each of said temporary areas ~~sets~~ becomes higher according to ~~an allocation wait time~~ a time period length during which a logical volume is waiting for allocation.
4. (Currently Amended) The logical volume administration method according to claim 1, wherein said ~~second~~ disk areas of said disk pool are allocated to serve as

[[be]] said temporary areas when said ~~second~~ disk areas of said disk pool are freed not yet allocated to serve as a temporary area.

5. (Currently Amended) A computer system comprising:

a disk apparatus; and

a computer which designates one of first disk areas of said disk apparatus to each of a plurality of logical volumes,

wherein each of said logical volumes includes a steady area ~~corresponding to which~~-one of the first disk areas in the disk apparatus is steadily allocated to a task and a temporary area ~~not corresponding to a task or which~~ a disk area in the disk apparatus is not allocated until allocation of a disk area is requested a task issues reads and writes to the temporary area; and

said computer allocates second disk areas in said disk apparatus, which [[is]] are different from the first disk areas, as a disk pool, and allocates disk areas from said disk pool in a time sharing manner to serve as [[be]] said temporary area of each of said logical volumes in a time sharing manner when the task issues reads and writes to the temporary area, as a disk pool to be said plurality of temporary areas of said plurality of logical volume in a time sharing manner.

6. (Currently Amended) The computer system according to claim 5, wherein said computer sets priorities of said temporary areas and allocates said ~~second~~ disk areas of the disk pool to [[be]] the temporary areas in accordance with said priority of each of said temporary areas.

7. (Currently Amended) The computer system according to claim 6, wherein the priority of each of said temporary areas sets ~~becomes~~ higher according to a time period length during which a logical volume is waiting for allocation an allocation wait time.

8. (Currently Amended) A computer system comprising:

a storage apparatus; and

a computer which designates one of first storage areas of said storage apparatus to each one of a plurality of logical volumes, said logical volumes being accessed by ~~requests of a task by issuing~~ write in and read out,

wherein said storage apparatus includes said first storage areas and second storage areas which form a disk pool;

each of said logical volumes includes a ~~[[first]]~~ steady area ~~corresponding to allocated from~~ said first storage area of said storage apparatus and a ~~second temporary area corresponding to said second storage area~~ from said disk pool of said storage apparatus; and

said computer allocates ~~said second areas~~ storage area from said disk pool of said storage apparatus to ~~be said second areas~~ serve as temporary areas of said logical volumes in a time sharing manner when the task issues reads and writes to the temporary areas.

9. (Canceled)

10. (Currently Amended) The computer system according claim ~~[[9]]~~ 8, wherein said ~~[[first]]~~ temporary areas of said logical volumes are Web page repository or Web access history repository.